

Open Issues

IETF 50th Minneapolis

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CPIM Alignment (1)

- General Principle
 - Adopting exactly same format/behavior as much as possible
 - Gatewaying for the things which cannot be aligned.

CPIM Alignment (2)

- Subscribe responses and Fetch
 - Subscribe
 - Currently, the response of a Subscribe request contains a presence document.
 - [Sol] modify it as CPIM.
 - Fetch
 - PRIM has a separate Fetch command
 - [Sol?] define Fetch as a duration 0 Subscribe?

CPIM Alignment (3)

- IM format
 - [MSGFMT] document specifies fully customizable IM format.
 - PRIM will adopt the exactly same format.

[PRIM transport headers]

Content-type: message/cpim

From:

To:

Date:

NS: PRIM <<http://www.fujitsulabs.com/prim/>>

PRIM.Message-ID: [a unique id for this message]

PRIM.Conversation-ID: [a unique id for this conversation thread]

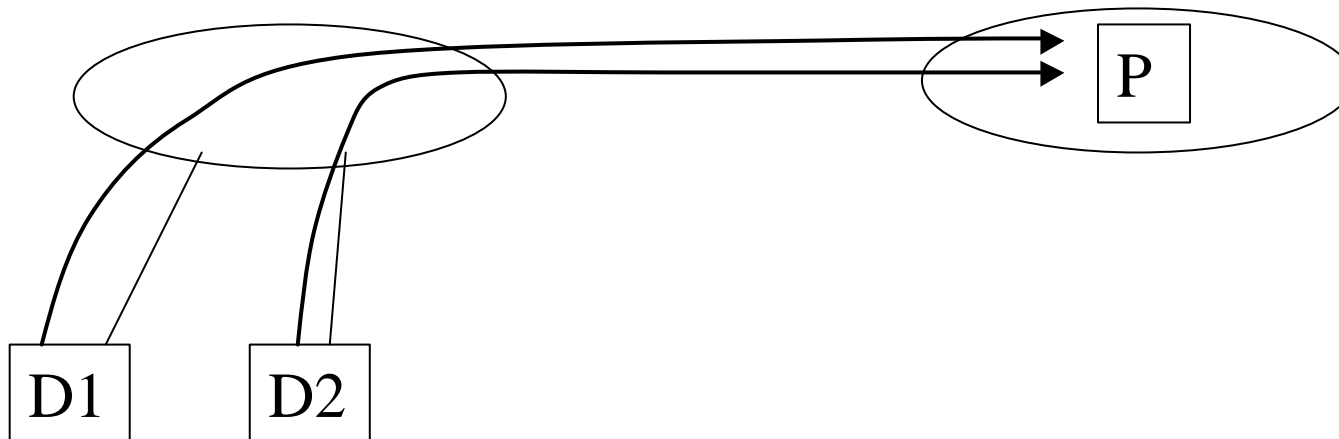
Content-type: text/plain; charset=ISO-2022-JP

CPIM Alignment (4)

- Presence Data Format
 - [TBD]

Multiple UA Behavior

- Situation: User A with two devices (D1, D2) subscribes to a presentity P.
- Issue 1: Do we need to synchronize Subscription lists from the two devices? How?
- Issue 2: Aggregate two subscriptions? How to route notifications?



Granularity of Data Updates

- Currently, each notification for a watcher contains a whole presence info for him/her. But, it is usually too much.
- [Sol?] Notifies the only modified tuple. In the tuple deletion, put a “delete” flag.

Server-Server Authentication

- For S-S connections, there is no connection-time authentication unless TLS can be used. Is it desired?
- [Sol?] Allow an optional LOGIN command.

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PRIM BOF

End